

Environmental Solutions

Assessment - Engineering - Management

November 20, 2000
Project No. ES00-005

Mr. Johnny Marasco
Construction Administrator
Boeing Realty Corporation
4060 Lakewood Blvd. 6th Floor
Long Beach, CA 90808-1700

Re: Asbestos Bulk Sample Analyses
The Pit

Dear Johnny:

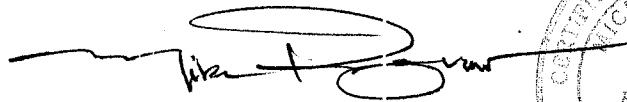
Pursuant to your request for our asbestos consulting services and in accordance with our field observations at the site in the area of Building 2, we collected a bulk samples of friable materials suspected of containing asbestos. The materials appear to have been left in the pit located at the 19901 Normandie Avenue Boeing facility.

The sample was placed in a sealed plastic bag and transported to EMS Laboratories, Inc, in Pasadena, California for PLM analyses. The sample was immediately analyzed by EPA 600/R-93/116 for determination of asbestos fibers. The results indicate Chrysotile asbestos fibers @ 10% in the bulk sample (the laboratory's preliminary copy is enclosed).

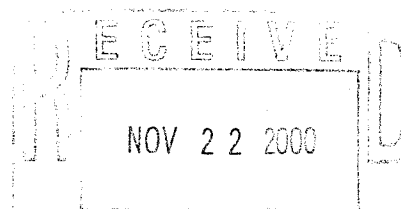
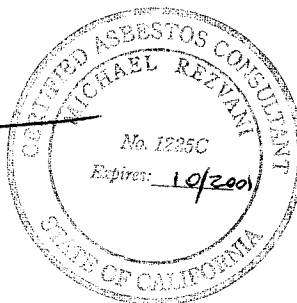
This material is classified as "friable" and its removal must be performed in accordance with OSHA and EPA regulations for abatement and disposal of such materials

Should you have any questions, please contact me.

Environmental Solutions



Michael Rezvani, REA, CAC
Principal Consultant



68905

PAGE 1 OF 1

◆ RELINQUISHED BY MINE + SEZVANI
 ◆ TIME / DATE 12:30 PM / 11/20/2009
 ◆ DATE OF SHIPMENT 1 CARRIER MR
 ◆ CLIENT P.O. NO. ---
 ◆ CLIENT JOB/PROJECT ID NO(S). 2500-005
BOSING / UNDER GROUND / ABATE
 ◆ PACKAGE SHIPPED FROM

DATE OF SHIPMENT 12/1/68 CARRIER 12
CLIENT P.O. NO. 12

CLIENT JOB/PROJECT ID NO(S). 3500-005
BOSING / UNDERGROUND / ABATE

• PACKAGE SHIPPED FROM

CLIENT FAX NO. (818) 243-4921

(NOTE: Complete written reports will follow all analyses, in addition to any prior transmitted verbal or fax results.)

◆ SAMPLE PRESERVATIVES BAG HOLDING TIMES 1/2 HZ

NO. OF SAMPLES SENT 1 SAMPLER'S NAME Mike Beaman

◆ TYPE: ☐ WATER ☐ WASTE WATER ☐ SOIL ☐ FILTER ☐ SORBENT TUBE ☐ IMPINGER ☐ OTHER

(FOR EMS ONLY)

EMS Sample No.

68905-01

CLIENT SAMPLE NO

DESCRIPTION LOCATION ANALYSIS

B-41

UNDERGROUND / INSULATION

FLM/De

(SF 500)

• Laboratory No.

68905

Received By

Chad Lee

• TIME 2:40

• Date of Package Delivery.

11/20/00

► **Shipping Bill Retained:**

NONE ☒

• Condition of Package on Receipt

Quod

• **Condition of Custody Seal**

(NOTE: If the package has sustained substantial damage or the custody seal is broken, stop and contact the project manager and the shipper.)

* No. of Samples

1

Chain-of-Custody Signature

Date of Acceptance into Sample Bank

11	20	00
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• **Misc. Info.**

Disposition of Samples

EMC



EMS LABORATORIES

117 West Bellevue Drive / Pasadena CA 91105-2503 / 626-568-4065

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SW3

6267925282

11/20/2000 13:41

BOE-C6-0090354

REPORT NO: 68505 CLIENT: ENVIRONMENTAL SOLUTIONS
 DATE: Nov 20, 2000 1601 E. CHEVY CHASE DR.
 DATE RECEIVED: Nov 20, 2000 12:40 PM ATTENTION: MIKE REZVANI
 DATE ANALYZED: Nov 20, 2000 REFERENCE: ES 00-006
 DATE / TIME COLLECTED: Nov 20, 2000 AT 12:00 PM, BY MIKE REZVANI
 SUBJECT: Polarized Light Microscopy Analysis for Asbestos; 1 Sample(s)
 METHODOLOGY: "Method for Determination of Asbestos in Bulk Building Materials."
 EPA 800/R-91/116
 ACCREDITED: National Institute of Standards and Technology (NVLAP, #101216)
 CERTIFIED: California Department of Health Services Environmental Testing Laboratory ELAP 1119,
 County Sanitation Districts of Los Angeles County, Laboratory Identification No. 10120

QUALITY CONTROL SAMPLE (SRM 1866 GLASS FIBERS AS THE BLANK): NONE DETECTED

SAMPLE ID NUMBER	SAMPLE LOCATION & DESCRIPTION	VISUAL DESCRIPTION	ASBESTIFORM MINERALS	OTHER FIBROUS MATERIALS	NON-FIBROUS MATERIALS
1	TRIABLE	TAN GRANULAR	CHRYSTOLE 10%	CELLULOSE LESS THAN 1%	GRANULAR MINERALS VERMICULITE

T: Trace <1% = greater than 1% <1% = less than 1%

NOTE

Optical Microscopist

B.M. Kolk, Labora

The EPA method is a semi quantitative procedure. The detection limit is between 1/10 to 1 percent by area and is dependent upon the size of the asbestos fibers, the means of sampling and the matrix of the sampled material.

The test results reported are for the sample or samples delivered to us and may not represent the entire material from which the sample was taken. The EPA recommends three samples or more be taken of a "homogeneous sampling area" before triable material is considered non-asbestos-containing.

This report, from a NIST accredited laboratory through NVLAP, must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

Note: This report shall not be reproduced, except in full, without the written approval of EMS Laboratories, Inc.